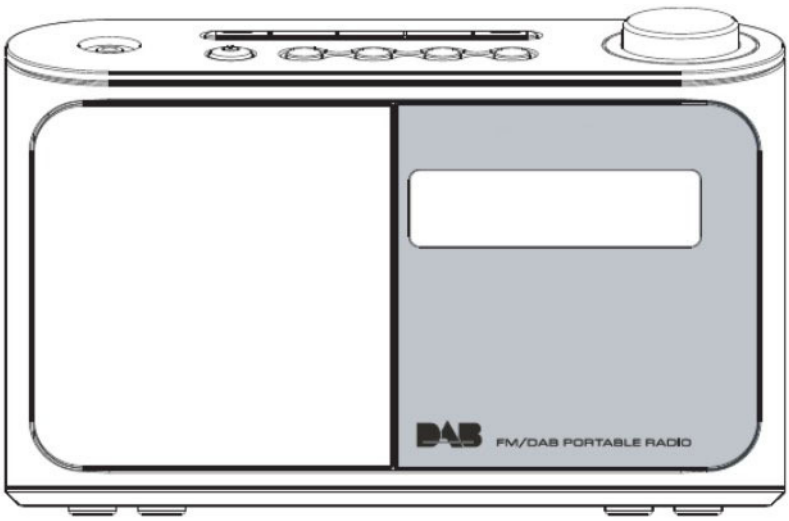
DA500 DAB+/FM RADIO

UK Instruction Manual



SCANSONIC

SAFTY

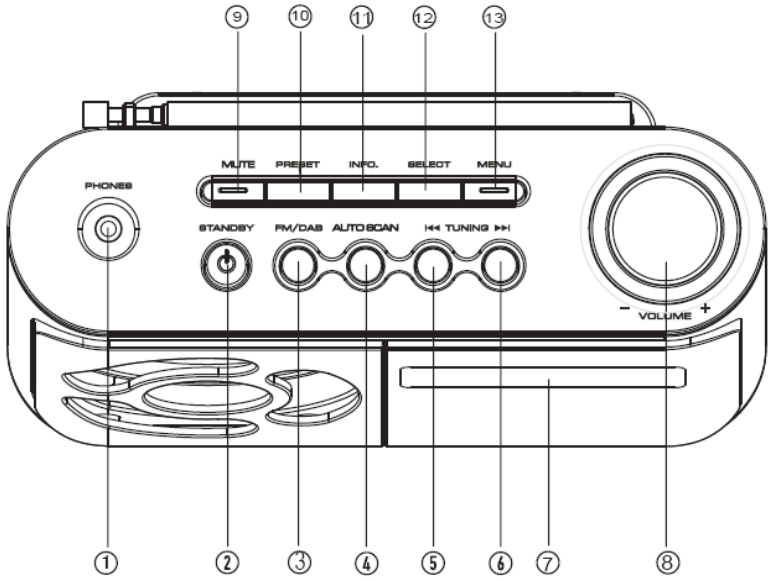
- FOR HOUSEHOLD AND INDOOR USE ONLY
- PLACE THE APPLIANCE ON A FLAT, STABLE SURFACE WITH ADEQUATE VENTILATION AND AWAY FROM OTHER SOURCES OF HEAT. MINIMUM DISTANCES AROUND THE APPLIANCE FOR ADEQUATE VENTILATION IS 5CM. DO NOT COVER OR RESTRICT VENTILATION OPENINGS.
- CHILDREN SHOULD BE SUPERVISED TO ENSURE THEY DO NOT PLAY WITH THE APPLIANCE, AND THE APPLIANCE AND CABLE SHOULD BE KEPT COMPLETELY OUT OF REACH OF YOUNG CHILDREN.
- THIS APPLIANCE IS NOT DESIGNED FOR USE BY CHILDREN, OR PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, AND SHOULD NOT BE USED BY SUCH PERSONS UNLESS THEY CAN DO SO SAFELY. WHERE NECESSARY, SUCH PERSONS (OR ANYONE WITH LACK OF EXPERIENCE OR KNOWLEDGE) SHOULD FIRST BE GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR THEIR SAFETY.
- FULLY UNWIND THE CABLE BEFORE PLUGGING IN AND ENSURE THE CABLE IS POSITIONED AWAY FROM AREAS WHERE IT IS LIKELY TO GET DAMAGED OR CAUSE A TRIP HAZARD.
- DO NOT OPERATE THE APPLIANCE IF DAMAGED OR AFTER IT MALFUNCTIONS. IN THE EVENT THE SUPPLY CORD IS DAMAGED, IT MUST ONLY BE REPLACED BY A QUALIFIED SERVICE ENGINEER, WITH A SUITABLY APPROVED PART.
- DO NOT PULL ON CABLE TO DISCONNECT FROM MAINS SUPPLY.
- KEEP APPLIANCE, CABLE AND PLUG DRY AND AWAY FROM AREAS WHERE IT IS LIKELY TO GET SPLASHED. AVOID USING IN HOT, HUMID ENVIRONMENTS.
- DO NOT PLACE ITEMS WITH NAKED FLAMES OR CONTAINERS WITH LIQUIDS ON THIS APPLIANCE.
- SWITCH OFF AND UNPLUG WHEN NOT IN USE AND BEFORE CLEANING OR SERVICING THE APPLIANCE. SERVICING OF THIS APPLIANCE MUST ONLY BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.
- ALWAYS ENSURE THE MAINS PLUG IS READILY UNPLUGGABLE – DO NOT USE WITH 'LOCKABLE' SOCKETS OR PERMANENTLY WIRE TO MAINS.

	WARNING **RISK OF ELECTRIC SHOCK DO NOT OPEN**	
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons	TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

 INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED.	**LASER SAFETY** This unit employs an optical laser beam system in the CD mechanism, designed with built-in safeguards. Do not attempt to disassemble, refer to qualified service personnel. Exposure to this invisible laser light beam may be harmful to the human eye.

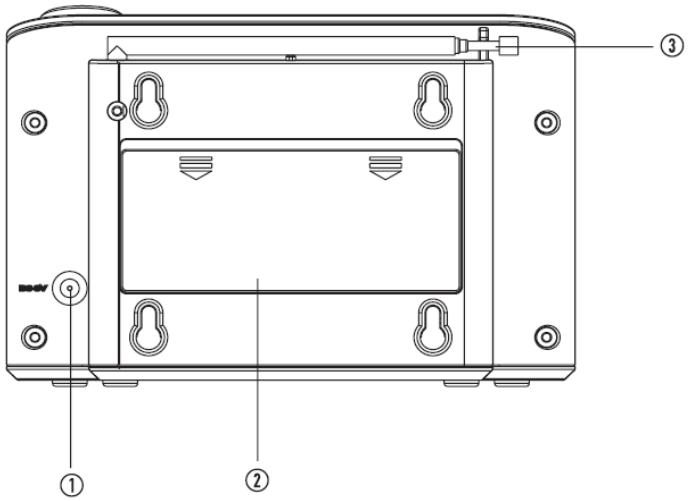
CONTROLS & CONNECTIONS

TOP VIEW



1. Phones jack
2. Standby button
3. FM/DAB button
4. Auto scan button
5. Tuning ⏮
6. Tuning ⏭
7. Display
8. Volume knob
9. Mute button
10. Preset button
11. Info. button
12. Select button
13. Menu button

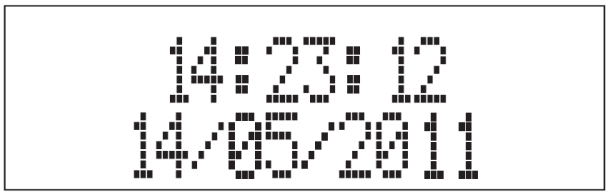
BACK VIEW



1. DC input jack
2. Battery door
3. FM antenna

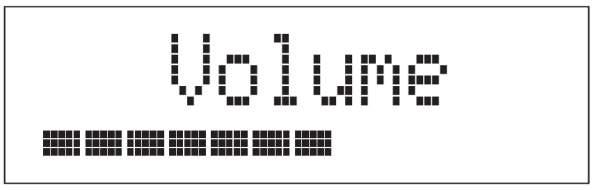
DISPLAY FEATURES

TIME DISPLAY



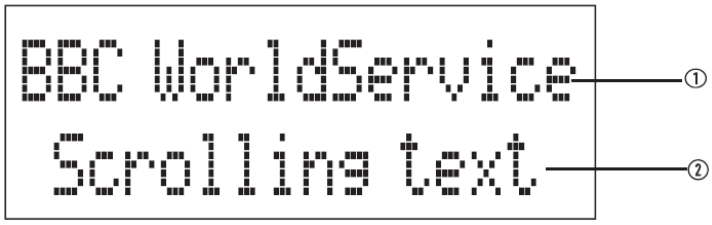
The display shows the current time and date when set to Standby.

VOLUME DISPLAY



When changing the volume level, the display shows a volume bar graph.

DISPLAY LAYOUT



1. Station name/Source display
2. Info display

GETTING STARTED

DAB/FM AERIAL

Before using your radio for DAB or FM reception, pull out the telescopic antenna. You may need to adjust the position of the telescopic antenna for maxing signal strength.

CONNECTING POWER

Before connecting the power, check that the mains voltage on the rating plate of the AC adaptor is the same as the voltage in your area.

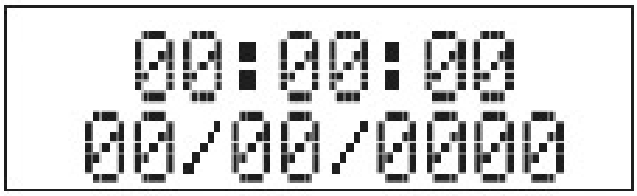
• Plug the DC cord from the AC adaptor into the DC jack on the back of the unit.

• Plug the AC adaptor into the wall socket and switch the mains power on.

The unit is now ready for use.

NOTE:-The AC adaptor may become warm during operation-this is normal.

When first connected to the power, the clock and calendar display will show “zeros”.



SETTING THE CLOCK

The clock on your radio is automatically set when first used from the time signal broadcast with DAB radio stations.

If a DAB station is not available, the clock may be set manually via the MENU system.

POWER CONTROL

STANDBY CONTROL

To turn the radio on:

• Press the **STANDBY** button on the top panel.

The display will light and the radio will switch on.

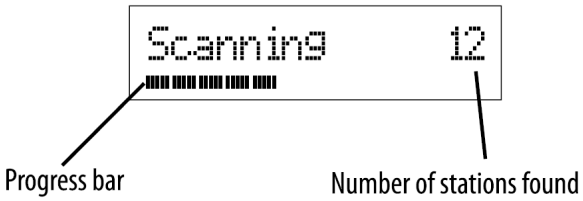
To turn the radio off:

• Press the **STANDBY** button on the top panel **briefly.**

The radio will switch off. The clock will continue to run whilst mains power is connected.

INTIAL SCAN

When your radio is switched on for the first time the scanning display will be shown while the scanning process takes place:



The radio scans all usable stations (full scan) and stores them alphanumerically -1 Radio, 2 Radio, AA Radio, AB Radio…The initial scan will take a few minutes. After the scan, the clock will be set and the radio will play the first station in the sequence.

BROWSING FOR A STATION

To browse for another DAB station from the front panel controls:

• Press the ⏮ or ⏭ button.

<Station list> will be displayed.

• Press the ⏮ or ⏭ button to browse the station list.

• Press the **SELECT** button to select the station displayed.

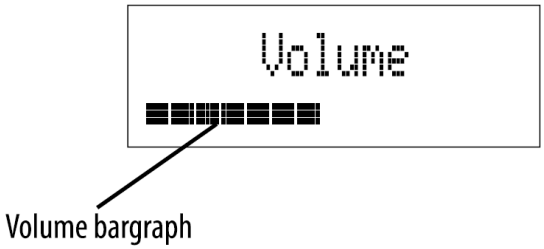
After s short delay, the radio will tune to the station

ADJUSTING THE VOLUME

To adjust the volume from the front panel controls:

• Turn the **VOLUME** knob to increase or decrease the volume level.

When the volume is adjusted the display will change to show the current volume setting on a bar graph.



To mute the sound:

• Press the **MUTE** button.

The sound will mute and 'Muted' will be displayed.

• Press the **MUTE** button again to restore the sound to its previous volume level.

DAB SCANNING

RE-SCANNING FOR DAB STATIONS

When first used, your radio scanned the DAB band for available stations. The station services found were then stored in your system's memory.

You can re-scan the band at any time if you move to a different area or just to refresh the stored list of available stations.

To scan for DAB stations manually:

• Select the DAB band.

• Press the **AUTO SCAN** button on the top panel.

The scanning process will take a few minutes. The number of services found during the scan will be-shown at the right side of the display.

After the scan, the radio will re-tune to the first station in the station list to play if it is available. Alternatively, you can continue to browse for another station as described on the previous page.

DAB DISPLAY MODES

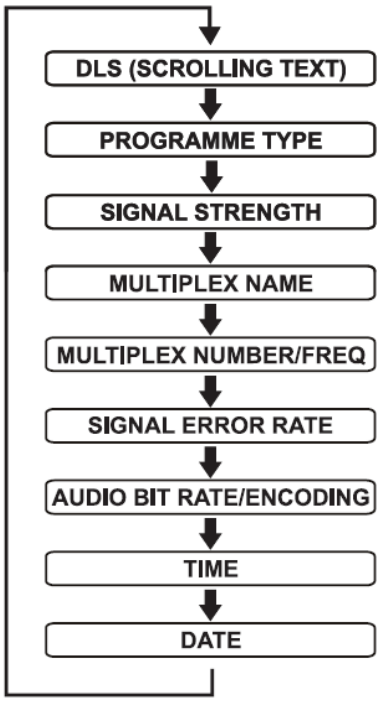
DISPLAY MODE OPTIONS

The bottom line of the display can be switched to show different items of information that may be transmitted with a DAB station.

Choosing the information display:

Press the **INFO.** button on the top panel repeatedly to change the information displayed while playing a DAB radio station.

The full range of display options are shown below. Some stations may not broadcast all of these options.



DLS (Dynamic Label Segment): This is a scrolling message giving real-time information-song titles, news headlines, etc.

PROGRAMME TYPE: This describes the style of the programme being broadcast.

SIGNAL STENGTH: This setting will display a signal strength bargraph. The longer the bargraph, the stronger the signal. Setting the display to show signal strength is useful when setting up the aerial for the strongest signal.

MULTIPLEX NAME: DAB Digital radio stations are broadcast in multiplexes. Each multiplex is a bundle of radio stations transmitted in a signal frequency. There are national and local multiplexes; local ones contain stations specific to your area. This option displays the name of the multiplex name that contains the station you are listening to .

MULTIPLEX NUMBER/FREQ: This option will display the multiplex number and frequency that contains the station you are listening to.

BIT RATE: DAB allows broadcasters to vary the BIT RATE (or the amount by which an audio signal can be compressed) depending on the type of broadcast. This enables the amount of stations on a multiplex to be maximized. Speech and News are often broadcast at a lower Bit Rate; music needs a higher Bit Rate for good fidelity.

TIME AND DATE: Time and date are updated by broadcasted information.

FM DISPLAY MODE OPTIONS

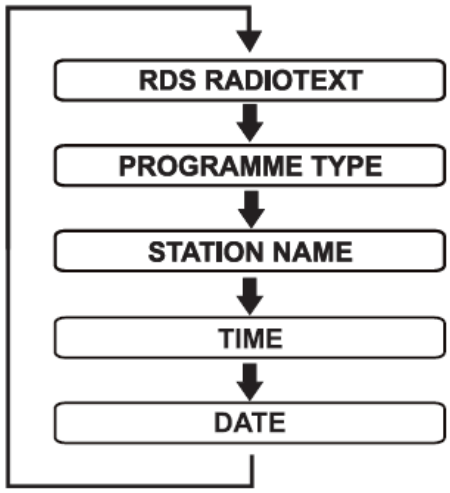
FM DISPLAY MODE OPTIONS

The bottom line of the display can be switched to show different items of information that may be transmitted with an FM station.

To change the display mode:

Press the **INFO.** button on the top panel repeatedly to change the information displayed while playing an FM radio station.

The full range of display options are shown below. Some stations may not broadcast all of these options.



HEADPHONES

There is a headphone output jack on the top panel of the radio. If headphones are connected to this socket for private listening, the speakers will cut out automatically.

CARE AND MAINTENANCE

CARE AND CLEANING

All care and cleaning operations should be carried out with the unit unplugged from the mains power.

The surface of the unit can be cleaned with a barely damp cloth and then dried carefully.

Never use abrasives, abrasive cloths or chemical solvents.

TROUBLESHOOTING

Poor quality radio reception

The aerial signal not be adequate. Try repositioning the aerial while watching the signal strength. Signal strength can be displayed by tuning to a DAB station and pressing the **INFO.** button.

WARRANTY&SPECIFICATIONS

SPECIFICATIONS

Supply voltage, current :9V⎓ 2500mAh

Output power……..:2W

Frequency range…….:174.928-239.200MHz (DAB)

87.5-108MHz (FM)

RECYCLING ELECTRICAL PRODUCTS

You can now recycle your waste electrical goods and in doing so help the environment. This symbol means an electrical product is designed for recycling when finished with. Visit www.recycle-more.co.uk, click on “bank locator” and enter your postcode to find your nearest recycling site.